Mathematics

Primary 4

Test 

Total mark 15

1 Choose the correct answer : (5 marks)

1. The period of the underlined digits in the number 25,613,729,114 is ....
   - (a) ones.
   - (b) thousands.
   - (c) millions.
   - (d) milliards.
2. 2 days and 2 hours = ... hours
   - (a) 22
   - (b) 4
   - (c) 62
   - (d) 50
3. 721 cm = ...
   - (a) 21 m , 7 cm
   - (b) 72 m , 1 cm
   - (c) 7 m , 21 cm
   - (d) 1 m , 72 cm
4. Rounding the number 37,098 to the nearest thousand is ....
   - (a) 37,100
   - (b) 37,000
   - (c) 37,108
   - (d) 37,098
5. 12 L , 50 mL = ... mL
   - (a) 62
   - (b) 5,012
   - (c) 1,250
   - (d) 12,050

2 Complete : (5 marks)

1. The value of the digit 6 in the number 364,217,098 is ....
2. 234 + [621 + 479] = [234 + ...] + 479
3. 300 + 7,000 + 10 + 4 + 7,000,000 = ...
4. If $x - 9 = 26$, then x = ...
5. 735,462 ≈ .... [Round to the nearest ten thousand]

3 **[a]** The population of Matrouh Governorate is 519,800 people , and the population of South Sinai Governorate is 112,200 people. Then what is the difference between the population of Matrouh Governorate and the population of South Sinai Governorate ? (2 marks)

....

[b] By using the properties of addition find the sum of :

12 + 30 + 28 + 20 (3 marks)

....

....

....

Test 2

Total mark
....
15

1 Complete : (5 marks)

1. 45 kg , 68 g = ... g
2. Three milliard , one hundred thirty-seven million , six hundred nineteen thousand , eighty-eight = ... (in standard form)
3. Rounding the number : 8,532 to the nearest 1,000 is approximately ....
4. The place value of the digit 7 in the number 547,621,398 is ....
5. 9 L – 3,000 mL = ... mL

2 Choose the correct answer : (5 marks)

1. Milliard is the smallest number formed from .... digits.
   (a) 6 (b) 9 (c) 10 (d) 12
2. The liter (L) is the basic unit of ....
   (a) length (b) weight (c) time (d) capacity
3. The additive identity is ....
   (a) zero (b) 1 (c) 10 (d) 100
4. $[5 \times 1] + [8 \times 1,000] + [4 \times 10,000] =$ ....
   (a) 485 (b) 4,805 (c) 48,005 (d) 480,005
5. What is the value of X ? 35 + X = 47
   (a) 7 (b) 12 (c) 82 (d) 72

3

[a] The game started at 7 : 50 P.M. It ended at 10 : 05 P.M.
How long was the game ? (3 marks)

....

[b] A bridge of ants consists of 142 ants , and another bridge consists of 165 ants. How many ants are there in the two bridges together ? (2 marks)

....

Test 3

Total mark 15

1 Choose the correct answer : (5 marks)

1. 83,754 100,000
   (a) > (b) = (c) <
2. 3,425 + 4,768 = 193 + ...
   (a) 8 (b) 80 (c) 800 (d) 8,000
3. Which of the following is the greatest mass ?
   (a) 900 g (b) 20,000 g (c) 70 kg (d) 16 kg
4. Rounding the number 34,089 to the nearest ten thousand is ....
   (a) 34,000 (b) 34,090 (c) 30,000 (d) 35,000
5. 35 million , 17 thousand , 230 = ...
   (a) 3,517,230 (b) 35,170,230 (c) 35,017,230 (d) 3,517,023

2 Complete : (5 marks)

1. If 835 – A = 751 , then the value of A = ...
2. 8 L , 200 mL – 2 L , 50 mL = ... mL
3. The place value of the digit 2 in the number 9,152,747,180 is ....
4. 50,000,000 + 345,000 + 730 = ...
5. 8,000 thousands = ... millions.

3 [a] Hany and Sameh participated in a project. Hany paid 251,650 pounds. If the cost of the project is 500,000 pounds , how much is Sameh paying ? (3 marks)

....

[b] Write the numbers in a descending order : (2 marks)

4,237,651 , 4,273,653 , 495,627 , 4,237,690

The order is : .... , ... , ... , ...

Answers of Test 1

1 1 d 2 d 3 c 4 b 5 d

2 1 60,000,000 2 621 3 7,007,314 4 35 5 740,000

3 [a] The difference = 519,800 – 112,200 = 407,600 people

[b] 12 + 30 + 28 + 20 = 12 + 28 + 30 + 20 (Commutative)

= (12 + 28) + (30 + 20) (Associative)

= 40 + 50 = 90

Answers of Test 2

1 1 45,068 2 3,137,619,088 3 9,000 4 millions 5 6,000

2 1 c 2 d 3 a 4 c 5 b

3 [a]

Hours		Minutes
~~10~~ 9	:	~~05~~ 65
– 7	:	50
2	:	15

The time of the game is 2 hours and 15 minutes.

[b] The number of ants in the two bridges = 142 + 165 = 307 ants

Answers of Test 3

1 1 c 2 d 3 c 4 c 5 c

2 1 84 2 6,150 3 millions 4 50,345,730 5 8

3 [a] Sameh paid = 500,000 – 251,650 = 248,350 pounds

[b] The order is : 4,273,653 , 4,237,690 , 4,237,651 , 495,627

Model 1

First Choose the correct answer:

1. The value of the digit 7 in 725,351 is ....

(7 or 70 or 700 or 700,000)

2. (4 X 1,000,000, 000) + (5 X 10,000,000) + (3 X 1,000,000) + (4 X 1,000) + (5 X 100) + (3 X 1) = ... *(In standard form)*

(453,453 or 4,053,004,503 or 4,053,000,453 or 4,530,045,003)

3. 6,450,450, ≈ .... *(To the nearest 1,000,000)*

(6,500,000 or 5,000,000 or 6,000,000 or 7,000,000)

4. 421 + 45 = 45 + 421 *".......... Property"*

(Identity Element or Commutative or Associative)

5. The equation that represents the opposite bar model is ....

45	
30	m

(m + 30 = 45 or 30 – m = 45 or m – 30 = 45 or m + 15 = 45)

6. 50,000 grams = ... kg

(5 or 50 or 500 or 5,000)

7. 45 liters + 45 milliliters = ... milliliters

(4,545 or 45,450 or 45,045 or 495)

Second Complete the following:

1. 5,000 = ... Hundreds
2. Million is the smallest number formed from .... digits.
3. The time shown on the opposite clock is .... : ....
4. 458,605 ≈ 459,000 *(To the nearest ....)*

Third Essay questions:

1. Arrange the following numbers in an ascending order

557,859 , 557,895 , 557,589 , 557,985

.... , ... , ... , ...

2. Find the result of each of the following:

a) 845,656 + 975,546 = ...

b) 427,239 – 209,136 = ...

3. The height of a school building is **25** m. What is the height of the building in decimeters, centimeters, and millimeters?

25m = ... decimeters = ... centimeters = ... millimeters

4. Mohamed bought a phone for **6,273** LE and a PC for **8,544** LE.

How much money did Mohamed pay?

....

Model 2

First Choose the correct answer:

1. The place value of the digit 7 in 725,145 is ....

   (Hundreds or Thousands or Ten Thousands or Hundred Thousands)

2. The smallest number formed from the digits (5, 6, 7, 2, 0, 8) is ....

   (876,250 or 205,678 or 678,205 or 567,208)

3. 450,000,350 = ... *(In word form)*

   (Four hundred fifty thousand, three hundred, fifty or Forty-five million, three hundred, fifty or Four hundred fifty million, three hundred, fifty or Forty-three million, thirty-five)

4. 100,001 < .... (98,765 or 99,999 or 1,000,000 or 99,000)

5. The largest whole number that can be rounded to the nearest 10, so that the result is 350, is ....

   (360 or 358 or 354 or 350)

6. 25 + 0 = 25 "...................................... *Property*"

   (Identity Element or Commutative or Associative)

7. A liter is the measurement unit of ....

   (length or height or mass or capacity)

Second Complete the following:

1. 50 kg, 20 grams = ... grams
2. 25 days = ... weeks and .... days
3. 6,475 + 4,125 = ... ≈ .... *(To the nearest 1,000)*
4. 8 dm, 4 cm = ... cm

Third Essay questions:

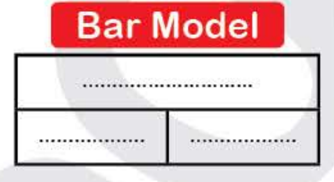
1. Find the result:

Hours		Minutes
7	:	20
- 6	:	30
....	:	....

2. Make a bar model, then find the solution:

   m – 215 = 375

   m = ...



3. Mark bought **4** kilograms and **300** grams of oranges, **3** kilograms of apples and **900** grams of strawberries. Rewrite these weights in grams and then find the sum of the weights of what mark bought.

   ....

   ....

   ....

   ....

4. **686** tourists visited the Egyptian Museum on Sunday, and **621** tourists visited it on Monday. How many tourists visited the museum in the two days?

   Actual answer: ....

   Estimate (Round to the nearest 100):

   ....

Model 3

First Choose the correct answer:

1. The digit .... in 745,215,369 is in the Hundred Thousands place.

   (3 or 2 or 7 or 9)

2. 20 liters = ... milliliters

   (200 or 2,000 or 20,000 or 200,000)

3. If 14 – χ = 7, then χ = ...

   (28 or 21 or 14 or 7)

4. 2 days and 2 hours = ... hours

   (26 or 122 or 50 or 860)

5. 4 Milliards = ... Ten Thousands

   (400 or 4,000 or 40,000 or 400,000)

6. 150,000,230 = ... *(In expanded form)*

   (100,000,000 + 5,000,000 + 200 + 30 or 10,000,000 + 50,000,000 + 200 + 30 or 100,000,000 + 50,000,000 + 200 + 30 or 100,000 + 50,000 + 20 + 3)

7. 50 Ten Millions .... 5 Milliards

   (< or = or >)

Second Complete the following:

1. (7 + ...) + 4 = 7 + (9 + 4) "....................*Property*"
2. Three hundred twenty-four thousand, seventy three (In standard form)

   = ...

3. 369,123+425,301 = ...
4. 12,500 m = ... km, ... m

Third Essay questions:

1. **4,000,000,000 + 30,000,000 + 900,000 + 5,000 + 70**

= (4 X ....) + (3 x ....) +

(9 X ....) + (5 X ....) +

(7 X ....)

2. Round the following

4,545 ≈ .... (To the nearest 100)

3. Complete the following table:

13,500 g	
.... kg	.... g

4. Answer the following

ⓐ A primary school with 1,028 students, 542 of them are girls. How many boys are there in this school?

....

....

....

Model 4

First Choose the correct answer:

1. 60,000 = ... times of 600. (10 or 100 or 1,000 or 10,000)
2. Five milliard, six million, nine thousand, seven = ...
   (5,697 or 5,006,009,007 or 5,060,090,070 or 5,600,900,700)
3. 450,000,450 .... Forty-five million, forty-five
   (< or = or >)
4. 6,587 ≈ 6,600 *(To the nearest ....)*
   (10 or 100 or 10,000 or 1,000)
5. 56 + ... = 56,056
   (56 or 560 or 5,600 or 56,000)
6. The Additive Identity Element is ....
   (2 or 5 or 0 or 1)
7. If x + 55 = 105, then x = ...
   (65 or 160 or 150 or 50)

Second Complete the following:

1. 400 Thousands = ...
2. 876 – 225 = ... ≈ .... *(To the nearest 100)*
3. The value of the digit 7 in the Milliards place = ...
4. 5 litres = ... mL

Third Essay questions:

1. Find the result:

	Hours		Minutes
	7	:	20
–	6	:	30
	....	:	....

2. Write the time shown on the digital clock and draw the hands of the analog clock:

11 : 55

....

....

3. Essam has **4** liters and **250** milliliters of sunflower oil, and he also has one liter and **50** milliliters of corn oil. How much oil does Essam have?

4 liters, **250** milliliters = ... milliliters

1 Liter, **50** milliliters = ... milliliters

Amount of oil = ...

4. **325,679-12,347**= ....

Model 5

First Choose the correct answer:

1. 3 hours = ... minutes

(180 or 360 or 144 or 42)

2. Ten million is the smallest number formed from .... digits.

(6 or 7 or 8 or 9)

3. The value of the digit 0 in the Ten Thousands place = ...

(0 or 10 or 1,000 or 10,000)

4. 20 km = ... meters

(2 or 200 or 2,000 or 20,000)

5. 11 liters, 11 milliliters = ... milliliters

(1,111 or 11,110 or 11,011 or 22)

6. 36 + 63= .... + 36

(63 or 36 or 99 or 125)

7. 1,000,000 – 1 = ...

(9,999,999 or 999,999 or 99,999 or 1,000,001)

Second Complete the following:

1. 400,720 = (4 X ....) + (7 X ....) + (2 X....................)
2. 8,456,572 ≈ 8,000,000 (To the nearest ....)
3. 5,005,050,500: (In word form) ....

....

....

4. 300 Hundreds + 600 Tens = ...

Third Essay questions:

1. Complete the table:

...... litres	
25 L	25 mL

2. **258,654 ≈** .... *(To the nearest* **100,000***)*

3. **369,254+603,251=** ....

4. There are **20,000** ants in the colony. **12,000** ants of them are females and the rest are males. How many male ants are there in the colony?

Equation: ....

Solution: ....

Bar Model

....	
....	....

Model 6

First Choose the correct answer:

y	
47	65

1. In the opposite bar model, y = ...

(112 or 18 or 47 or 65)

2. The best unit for measuring the length of an eraser is ....

(millimeters or centimeters or meters or kilometers)

3. 50 m + 5 dm = ... cm

(55 or 505 or 5,050 or 550)

4. 71 + 14 = 14 + 71 (.......................... *Property)*

(Identity Element or Associative or Commutative or Addition)

5. The smallest whole number that can be rounded to the nearest 100, so that the result is 1,200, is ....

(1,159 or 1,299 or 1,150 or 1,100)

6. One million 9,999,999

(< or = or >)

7. 5 meters and 10 centimeters = ... centimeters

(510 or 501or 106 or 60)

Second Complete the following:

1. 5 m + 30 cm = ... cm
2. One week and three days = ... days
3. .... is the smallest 7-digit number.
4. The value of the digit 3 in the .... place = 30,000,000.

Third Essay questions:

1. 257,899+635,201= ....

2. 900,945-632,179= ....

3. Eman has 3,256 pounds, and Sameh has 2,804 pounds. What is the difference between their money?

....

....

....

4. The distance between Salma's house and her school is 2 km. What is the distance in meters, decimeters, and centimeters?

2 km = ... m = ... dm = ... cm

Model 7

First Choose the correct answer:

1. A kilogram is the best unit for measuring the mass of a ....
   (ruler or balloon or pencil or desk)
2. A milliard is the smallest number formed from .... digits.
   (7 or 9 or 10 or 11)
3. 2 days and 2 hours = ... hours
   (26 or 122 or 50 or 860)
4. 14 + 12 = 12 + 14 *(.................................. Property)*
   (Commutative or Associative or Neutral Element or Subtraction)
5. Six milliard, five hundred thousand, thirty = ...
   (600,030,015 or 6,000,500,030 or 6,500,000,030 or 6,500,000,300)
6. (6 X 1,000,000,000) + (6 X 10,000,000) + (6 X 10,000) + (6 X 100) + (6 X 10)
   = ... (6,060,060,660 or 660,060,660 or 6,660,000,660 or 6,666)
7. 971,326 ≈ .... *(To the nearest Thousand)*
   (971,000 or 970,000 or 972,000 or 1,000)

Second Complete the following:

1. 30,230 milliliters = ... liters, ... milliliters
2. 10 minutes and 15 seconds = ... seconds
3. 3:45 + 2:15 = ... : ....
4. 27,957 ≈ 30,000 *(To the nearest ....)*

Third Essay questions:

1. 75,654 - 15,257 = ...

2. 40,802 + 9,258 = ...

3. Complete the following table:

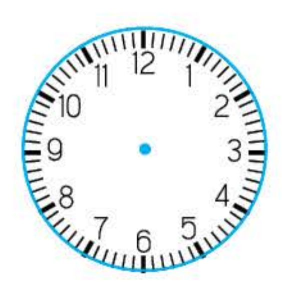
.... Cm	
5 m	25 cm

4. Write the time shown on the digital clock and draw the hands of the analog clock:

07:15

....

....



Model 8

First Choose the correct answer:

1. The greatest number formed from the digits (5, 6, 7, 2, 0, 8) is ....

   (876,520 or 805,678 or 678,205 or 567,208)

2. The value of the digit 8 in the Hundred Millions place is ....

   (800 or 8,000 or 800,000 or 800,000,000)

3. Five milliard, six million, nine thousand, seven = ...

   (5,697 or 5,006,009,007 or 5,060,090,070 or 5,600,900,700)

4. 258 ≈ 300 *(To the nearest ....)*

   (10 or 100 or 1000 or 10,000)

5. 4,000 million .... 4 milliard

   (< or = or > or ⩾)

6. If x - 32 = 105, then x = ...

   (137 or 73 or 173 or 37)

7. Which of the following bar models represents the equation:

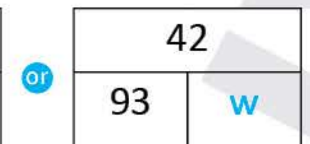
   93 - w = 42

(

or

15	
32	w

or

or

)

Second Complete the following:

1. 6 cm, 7 mm = ... mm
2. A liter is the measurement unit of ....
3. 10 kg, 300 g = ... grams
4. 195 seconds = ... minutes and .... seconds

Third Essay questions:

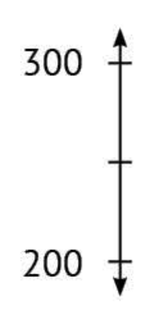
1. **341,250 – 219,263 =** ....

2. The height of the school building is **20** meters and **40** cm, and the tree adjacent to the school is **9** meters and **80** cm high. How much is the height of the school building greater than the height of the tree?

....

3. Write down the midpoint of the number line. Then, locate the number on the number line. Round the number to the nearest Hundred:

293 ≈..................



4. **Complete using (< , = or >):**

   a. Four hundred million, four .... (4 X 100,000,000) + (4 X 1)

   b. 7,000,707,007 .... seven milliard, seven hundred seventy-seven

Model 9

First Choose the correct answer:

1. The value of the digit 0 in 87,051 is ……………

(0 or 10 or 100 or 1,000)

2. The digit .... in 745,215,369 is in the Hundred Millions place. (3 or 4 or 7 or 9)

3. (3 X 100,000,000) + (3 X 10,000,000) + (3 X 100,000) + (3 X 10,000) + (3 X 100) + (3 X 10) = ...

(33 million, 33 thousand, 33 or 303 million, 303 thousand, 303 or 330 million, 330 thousand, 330 or 333 thousands, 333)

4. 40 millions > .... > 30 millions

(350,220,000 or 35,202,000 or 3,022,000)

5. 458,456 ≈ .... *(To the nearest 100,000)*

(458,000 or 1,000,000 or459,000 or 500,000)

6. 30,000 cm = ... m

(3,000 or 300 or 30 or 3)

7. A day and 2 hours = ... hours

(26 or 122 or 50 or 860)

Second Complete the following:

1. 12 liters = ... milliliters
2. 3 weeks and 6 days = ... days
3. Ten million is the smallest number formed from .... digits.
4. 5,000 + 0 + 0 + 0 + 4 = ...

Third Essay questions:

1. Arrange the following numbers in an ascending order:

330 thousand , 30,000,030,000 , 30,030,000 , Thirty million

.... , ... , ... , ...

2. Round each number to the nearest **10**, then find the result:

154 + 156 ≈ .... + ... = ...

3. The fish tank can be filled with **50** liters of water. If the tank contains **35** liters and **130** milliliters, how much water do we need to fill the tank?

....

4. Sarah had **6,250** pounds, she bought a mobile for **4,630** pounds. How many pounds are left with Sarah?

....

Model 10

First Choose the correct answer:

1. When approximating the number 3,999 to the nearest Ten, it is..

   (4,900 or 4,000 or 5,990 or 5,000)

2. 45 + 0 = 45 (.............................. *Property)*

   (Distributive or Identity Element or Commutative or Associative)

3. The time is now 10:25. What will the time be after fifty minutes?

   ....

   (10:50 or 10:15 or 11:25 or 11:15)

4. If 9 + x = 27, then x = ...

   (927 or 36 or 18 or 3)

5. The smallest 9-digit number < ....

   (one milliard or 100 million or 999 thousand or 99 million)

6. The Additive Identity Element is ....

   (0 or 1 or 2 or 3)

7. A kilogram is a measurement unit of the ....

   (volume or height or mass or capacity)

Second Complete the following:

1. 13,000 = 10 times of ....
2. 155 cm = ... m, ... cm
3. 2,456 + 1,664 = ...
4. 3,245,235 – 1,256,107= ....

Third Essay questions:

1. If the weight of Hala is **65** kg and **250** g. What is the weight of Hala in grams?

2. Compare using (< , = or >):

a (3 X 1,000,000,000) + (3 X 10)	3,000,003,000
b 23,023 mL	23l,23 mL
c Milliard	1,000,000,0000
d 1,000 mL	100 liters

3. Write the number (**2** million, **235** thousand, **624**) in the expanded form.

4. Mohamed bought a laptop for **5,250** LE and a mobile for **2,750** LE. If he had **10,000** LE, how much money would be left with him?

Model 1

First:

1. 700,000
2. 4,053,004,503
3. 6,000,000
4. Commutative
5. m + 30 = 45
6. 50
7. 45,045

Second:

1. 50
2. 7
3. 3:05
4. 1,000

Third:

1. 557,589 , 557,859 , 557,895 , 557,985
2. Find the result of each of the following:
   a. 1,821,202
   b. 218,103
3. 25 m = 250 decimeters = 2,500 centimeters = 25,000 millimeters
4. Mohamed paid = 6,273 + 8,544 = 14,817 LE

Model 2

First:

1. Hundred Thousands
2. 205,678
3. Four hundred fifty million, three hundred, fifty
4. 1,000,000
5. 354
6. Identity Element
7. capacity

Second:

1. 50,020
2. 3 , 4
3. 10,600 ≈ 11,000
4. 84

Third:

1. 8:17
2. m = 375 + 215 = 590
3. 4 kg , 300 g = 4,300 g 3 kg = 3,000 g. The sum of the weights = 4,300 + 3,000 + 900 = 8,200 g

13,500 g	
13 kg	500 g

4. The number of tourists = 686 + 621 = 1,307 tourists ≈ 1,300

Model 3

First:

1. 2
2. 20,000
3. 7
4. 50
5. 400,000
6. 100,000,000 + 50,000,000 + 200 + 30
7. $<$

Second:

1. 9 , Associative
2. 324,073
3. 794,424
4. 12 km ,500 m

Third:

1. (4 X 1,000,000,000)+ (3 x 10,000,000) + (9 X 100,000) + (5 X 1,000) + (7 X 10).
2. 4,500
3.

13,500 g	
13 kg	500 g

4. The number of boys = 1,028 – 542 = 486 boys

Model 4

First:

1. 100
2. 5,006,009,007
3. $>$
4. 100
5. 56,000
6. 0
7. 50

Second:

1. 400,000
2. 651 ≈ 700
3. 7,000,000,000
4. 5,000 mL

Third:

1. 00:50
2. 5 to 12



3. 4 liters, 250 milliliters = 4,250 milliliters
   1 Liter, 50 milliliters = 1,050 milliliters
   Amount of oil = 4,250 + 1,050 = 5,300 milliliters
4. 313,332

Model 5

First:

1. 180
2. 8
3. 0
4. 20,000
5. 11,011
6. 63
7. 999,999

Second:

1. 400,720 = (4 X 100,000) + (7 X 100) + (2 X10)
2. 1,000,000
3. Five milliard , five million , fifty thousand , five hundred
4. 30,000 + 6,000= 36,000

Third:

1.

25,025 litres	
25 L	25 mL

2. 300,000
3. 972,505
4. Equation: x + 12,000 = 20,000

20,000	
x	12,000

Solution: x = 20,000 – 12,000 = 8,000 ants

Model 6

First:

1. 112
2. centimeters
3. 5,050
4. Commutative
5. 1,150
6. <
7. 510

Second:

1. 530 cm
2. 10 days
3. 1,000,000
4. Ten Millions

Third:

1. 893,100
2. 268,766
3. The difference = 3,256 - 2,804 = 452 pounds
4. 2 km = 2,000 m = 20,000 dm = 200,000 cm

Model 7

First:

1. desk
2. 10
3. 50
4. Commutative
5. 6,000,500,030
6. 6,060,060,660
7. 971,000

Second:

1. 30 liters, 230 milliliters
2. 615
3. 6:00
4. 10,000

Third:

1. 60,397
2. 50,060
3.

525 cm	
5 m	25 cm

4. Quarter past 7



Model 8

First:

1. 876,520
2. 800,000,000
3. 5,006,009,007
4. 100
5. =
6. 137
7.

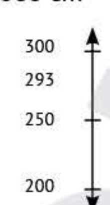
93	
w	42

Second:

1. 67
2. capacity .
3. 10,300
4. 3 minutes and 15 seconds

Third:

1. 121,987
2. The difference = 2,040 – 980 = 1,060 cm
3. 293 ≈ 300
4.
   1. =
   2. >



Model 9

First:

1. 0
2. 7
3. 330 million, 330 thousand, 330
4. 35,202,000
5. 500,000
6. 300
7. 26

Second:

1. 12,000
2. 27
3. 8
4. 5,004

Third:

1. 330 thousand , Thirty million , 30,030,000 , 30,000,030,000
2. 154 + 156 ≈ 150 + 160 = 310
3. The capacity of water needed = 50,000 – 35,130 = 14,870 milliliters
4. The left money = 6,250 - 4,630 = 1,620 pounds

Model 10

First:

1. 4,000
2. Identity Element
3. 11:15
4. 18
5. one milliard
6. 0
7. mass

Second:

1. 1,300
2. 155 cm = 1 m, 55 cm
3. 4,120
4. 1,989,128

Third:

1. The weight of Hala = 65,250 g
2. a) $<$ b) $=$ c) $=$ d) $<$
3. 2,000,000 + 200,000 + 30,000 + 5,000 + 600 + 20 + 4
4. Mohamed paid = 5,250 + 2,750 = 8,000 LE
   The money left = 10,000 – 8,000 = 2,000 LE

Accumulative Assessments on Units 1 – 3

Assessment 1

1 Complete the following:

a) 300,750 = (3 X ....) + (7 X ....) + (5 X ....)

b) 12,000 = 10 times of ....

c) 5,065 cm = ... m, ... cm

d) 27,957 ≈ 30,000 *(To the nearest ....)*

2 Choose the correct answer:

a) Which of the following represents the Commutative Property of Addition? (635 + 492 = 492 + 635 or 0 + 847 = 847 or (18 + 2) + 16 = 36 or 1 + 131 = 132)

b) The additive identity is .... (0 or 1 or 2 or 3)

c) If 9 + X = 27, then X = ... (927 or 36 or 18 or 3)

d) A kilogram is a measurement unit of the ....

(volume or height or mass or capacity)

3 Compare using (< , = or >):

a) Four hundred fifty-two million, six hundred ninety-five ◯ 4,520,003,695

b) 4,000 grams ◯ 40,000 kilograms

c) 2 ◯ 100,000 - 99,999

d) 72 hours ◯ 3 days

4 Answer the following questions:

a) Write the number (2 million, 235 thousand, 624) in the expanded form.

....

....

ⓑ The distance between Samah's house and her school is 2 km.

What is the distance in meters, decimeters, and centimeters?

2 km = ... m = ... dm = ... cm

ⓒ Salma trains to swim for an hour and 15 minutes. If she starts training at 5:35, when will Salma finish training?

....

....

ⓓ 3:45 + 2:15 = ... : ....

Assessment 2

1 Complete the following:

ⓐ If $X - 20 = 30$, then $X =$ ....

ⓑ 155 cm = ... dm, ... cm

ⓒ 2,617 – 1,716 = ...

ⓓ The additive identity element is ....

2 Choose the correct answer:

ⓐ 8 L = ... mL (8 or 8000 or 80 or 800)

ⓑ The largest number that can be formed from the digits (5, 3, 4, 7, 0, 6) is .... (534,706 or 765,430 or 706,543 or 304,567)

ⓒ The smallest 9-digit number < ....

(one milliard or 100 million or 999 thousand or 999 million)

ⓓ The gram is the best unit for measuring the mass of a ....

(ring or child or car or chair)

3 Compare using (< , = or >):

a) (3 X 1,000,000,000) + (3 X 10) 3,000,003,000

b) 23,023 mL .... 231,23 mL

c) Milliard 1,000,000,0000

d) 1000 mL .... 100 liters

4 Match:

a) 2 days , 12 hours •	• 60 days	1
b) 8 weeks , 4 days •	• 60 minutes	2
c) 1 minute •	• 60 hours	3
d) 1 hour •	• 60 seconds	4

5 Answer the following questions:

a) The fish tank can be filled with 50 liters of water. If the tank contains 35 liters and 130 milliliters, how much water do we need to fill the tank?

....

....

....

b) If the weight of Hala is 65 kg and 250 g. What is the weight of Hala in grams?

....

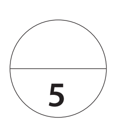
....

....

15 Marks

Model (1)

1 Complete each of the following:



a 63 hundreds = ... tens

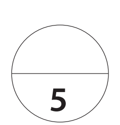
b 4,615 + 5,785 = ...

c The place value of the digit 7 in the number 721,243 is ....

d Rounding the number 358,634,123 to the nearest million is ....

e 3 hours and a half = ... minutes.

2 Choose the correct answer:



a (3 ten thousands and 2 hundreds) x 100 =......................

- 3,200,000
- 3,020,000
- 30,200
- 300,200

b The result of 559 + 107 by using compensation strategy is ....

- 500 + 100 = 600
- 560 + 108 = 667
- 560 + 106 = 666
- 550 + 100 = 650

c 1,435,765 + 5,565 = 5,565 + 1,435,765 represents the .... property.

- distributive
- additive identity
- commutative
- associative

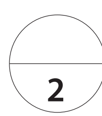
d The number which has the smallest digit in the milliards place is ....

- 4,234,654,210
- 2,432,651,987
- 143,546,109
- 3,356,123,440

e 6L + 235 ml = ... ml

- 2,356
- 6,235
- 6,253
- 6,325

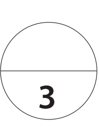
3 Find the result of the following using your favorite strategy:



a 3,454
+ 287
....

b 6,057
− 189
....

4 **Read and answer:**



a **Using the front-end estimation strategy, find:**

563 + 290 = ...

b Adam has L.E. 100,000, he bought a T.V. set for L.E. 25,450 and a mobile phone for L.E. 10,446.

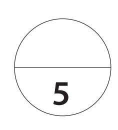
Find the remainder with him, using the following bar model.

....		
....	....	....

15 Marks

Model (2)

1 Complete each of the following:



a The standard form of 3,000,000 + 10,000 + 3,000 is ....

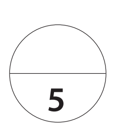
b 2,390 – 987 = ...

c The value of the digit 5 in the number 5,876,234 is ....

d Nine hundred sixty million, two hundred and thirty-five in the standard form is ....

e 3 km + 230 m = ... m

2 Choose the correct answer:



a 54,863,234 $\simeq$ 54,900,000 to the nearest ....

- thousand
- ten thousand
- hundred thousand
- million

b 934 + 665 can be estimated using front-end strategy as ....

- 900 + 600 = 1,500
- 1,000 + 600 = 1,600
- 930 + 660 = 1,590
- 900 + 700 = 1,600

c 236,542 + (28 + 12,402) = (236,542 + 28) + 12,402 represents ....property.

- distributive
- additive identity
- commutative
- associative

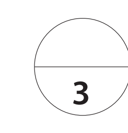
d The rounding of 65,264,876,123 to the nearest milliard is ....

- 65,000,000,000
- 66,000,000,000
- 70,000,000,000
- 65,300,000

e 35,560 m = ... km, ... m

- 35 km, 560 m
- 56 km, 360 m
- 560 km, 35 m
- 3 km, 5560 m

3 Find the result by using the following:



a standard algorithm strategy.

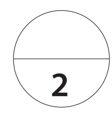
```
   61,451
+   9,295
---------
 ..........
```

```
   9,987
–  6,239
---------
 ..........
```

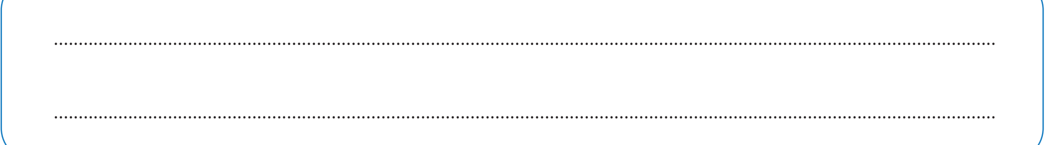
b Using break up and bridge strategy:

324 + 260 = ...

4 Read and answer:



Razan is a banker. She counted L.E. 12,325 on Monday, L.E. 20,860 on Tuesday, and L.E. 8,905 on Wednesday. How many more pounds does she still need to count L.E. 53,864?



15 Marks

Model (3)

1 Complete each of the following:

5

a The expanded form of six hundred forty-six thousand is

.... and its standard form is ....

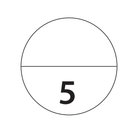
b 5,768,125,345 ≃ .... to the nearest ten thousand.

c The value of the digit 3 in the number 387,209,561 is ....

d The number 256,345,740 in word form is ....

e 9,000,000 millimeters = ... km

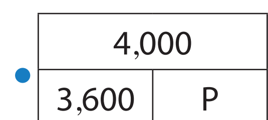
2 Choose the correct answer:



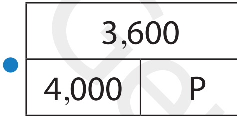
a The value of x in the equation $200 + x = 62,340$ is ....

- 62,540
- 60,340
- 62,320
- 62,140

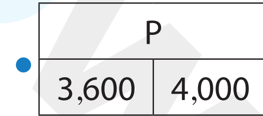
b A store has 4,000 toys, if 3,600 toys were left. Let P represent the number of sold toys, which bar model represents the number of sold toys?

- 

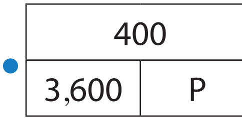
4,000	
3,600	P

- 

3,600	
4,000	P

- 

P	
3,600	4,000

- 

400	
3,600	P

c The choice which represents the correct rounding to estimate the reasonable answer of the problem 459 – 188 is ....

- 460 – 100 = 360
- 500 – 200 = 300
- 400 –100 = 300
- 460 – 200 = 260

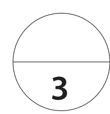
d The rounding of 256,109,470 to the nearest million is ....

- 260,000,000
- 256,000,000
- 256,100,000
- 257,000,000

e 8 weeks and 4 days = ... days

- 56
- 60
- 59
- 61

3 Use the rounding strategy to estimate each of the following:



a 496 + 263

b 2,800 – 1,450

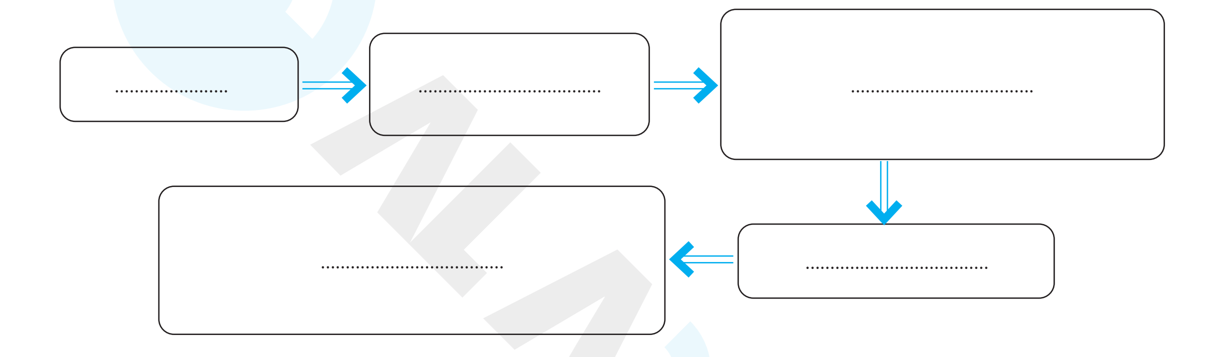
4 Order the following numbers in ascending order:

2

$(5 \times 1{,}000{,}000{,}000) + (4 \times 1{,}000) + (6 \times 10)$	six hundred million four thousand and one	4,765,987

500,897	600,876,000

The order is:



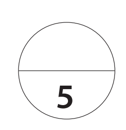
Answers



Model (1)

15 Marks

1 Complete each of the following:



5

a 63 hundreds = 630 tens

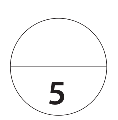
b 4,615 + 5,785 = 10,400

c The place value of the digit 7 in the number 721,243 is hundred thousands.

d Rounding the number 358,634,123 to the nearest million is 359,000,000

e 3 hours and a half = 210 minutes

2 Choose the correct answer:



5

a (3 ten thousands and 2 hundreds) x 100 = ...

- 3,200,000
- 3,020,000
- 30,200
- 300,200

b The result of 559 + 107 by using compensation strategy is ....

- 500 + 100 = 600
- 560 + 108 = 667
- 560 + 106 = 666
- 550 + 100 = 650

c 1,435,765 + 5,565 = 5,565 + 1,435,765 represents the .... property.

- distributive
- additive identity
- commutative
- associative

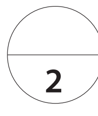
d The number which has the smallest digit in the milliards place is ....

- 4,234,654,210
- 2,432,651,987
- 143,546,109
- 3,356,123,440

e 6L + 235 ml = ... ml

- 2,356
- 6,235
- 6,253
- 6,325

3 Find the result of the following using your favorite strategy:

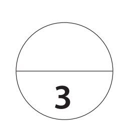


2

a
```
  3,454
+   287
-------
  3,741
```

b
```
  6,057
−   189
-------
  5,868
```

4 Read and answer:



a Using the front-end estimation strategy, find:

563 + 290 = ... 500 + 200 = 700

b Adam has L.E. 100,000, he bought a T.V. set for L.E. 25,450 and a mobile phone for L.E. 10,446.

Find the remainder with him, using the following bar model.

100,000		
x	10,446	25,540

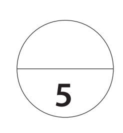
The money he paid = 10,446 + 25,540 = L.E.35,986

The remainder = 100,000 – 35,986 = L.E.64,014

15 Marks

Model (2)

1 Complete each of the following:



a The standard form of 3,000,000 + 10,000 + 3,000 is 3,013,000

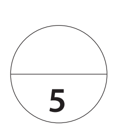
b 2,390 – 987 = 1,403

c The value of the digit 5 in the number 5,876,234 is 5,000,000

d Nine hundred sixty million, two hundred and thirty-five in the standard form is 960,000,235.

e 3 km + 230 m = 3,230 m

2 Choose the correct answer:



a 54,863,234 ≃ 54,900,000 to the nearest ....

- thousand
- ten thousand
- **hundred thousand**
- million

b 934 + 665 can be estimated using front-end strategy as ....

- **900 + 600 = 1,500**
- 1,000 + 600 = 1,600
- 930 + 660 = 1,590
- 900 + 700 = 1,600

c 236,542 + (28 + 12,402) = (236,542 + 28) + 12,402 represents ....property.

- distributive
- additive identity
- commutative
- **associative**

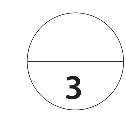
d The rounding of 65,264,876,123 to the nearest milliard is ....

- **65,000,000,000**
- 66,000,000,000
- 70,000,000,000
- 65,300,000

e 35,560 m = ... km, ... m

- **35 km, 560 m**
- 56 km, 360 m
- 560 km, 35 m
- 3 km, 5560 m

3 Find the result by using the following:



a standard algorithm strategy.

$$\begin{array}{r} 61,451 \\ +\ 9,295 \\ \hline 70,746 \end{array}$$

$$\begin{array}{r} 9,987 \\ -\ 6,239 \\ \hline 3,748 \end{array}$$

b Using break up and bridge strategy:

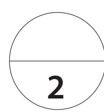
324 + 260 = ...

300 + 20 + 4

+ 200 + 60

500 + 80 + 4 = 584

4 Read and answer:



Razan is a banker. She counted L.E. 12,325 on Monday, L.E. 20,860 on Tuesday, and L.E. 8,905 on Wednesday. How many more pounds does she still need to count L.E. 53,864?

What she counted = 12,325 + 20,860 + 8,905 = 42,090 pounds

What she needs to count = 53,864 – 42,090 = 11,774 pounds



Model (3)

1 Complete each of the following:

5

a The expanded form of six hundred forty-six thousand is

600,000 + 40,000 + 6,000 and its standard form is 646,000

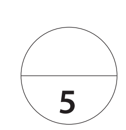
b 5,768,125,345 ≃ 5,768,130,000 to the nearest ten thousand.

c The value of the digit 3 in the number 387,209,561 is 300,000,000

d The number 256,345,740 in word form is two hundred fifty-six million, three hundred forty-five thousand, seven hundred and forty.

e 9,000,000 millimeters = 9 km

2 Choose the correct answer:



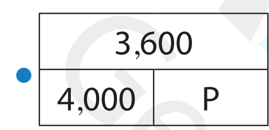
a The value of x in the equation $200 + x = 62{,}340$ is ....

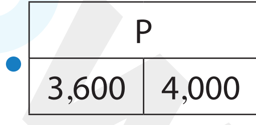
- 62,540
- 60,340
- 62,320
- 62,140

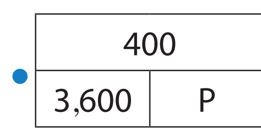
b A store has 4,000 toys, if 3,600 toys were left. Let P represent the number of sold toys, which bar model represents the number of sold toys?

-

4,000	
3,600	P

- 

- 

- 

c The choice which represents the correct rounding to estimate the reasonable answer of the problem 459 – 188 is ....

- 460 – 100 = 360
- 500 – 200 = 300
- 400 –100 = 300
- 460 – 200 = 260

d The rounding of 256,109,470 to the nearest million is ....

- 260,000,000
- 256,000,000
- 256,100,000
- 257,000,000

e 8 weeks and 4 days = ... days

- 56
- 60
- 59
- 61

3 Use the rounding strategy to estimate each of the following:

3



a 496 + 263

496 →	500
+ 263 →	+ 300
	800

b 2,800 – 1,450

2,800	→	3,000
– 1,450	→	– 1,000
		2,000

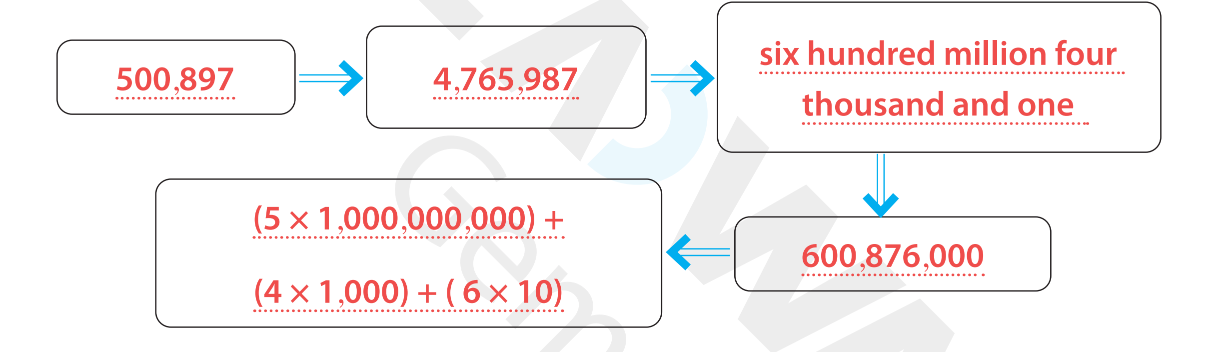
4 Order the following numbers in ascending order:

2

$(5 \times 1{,}000{,}000{,}000) + (4 \times 1{,}000) + (6 \times 10)$	six hundred million four thousand and one	4,765,987

500,897	600,876,000

The order is:



500,897 → 4,765,987 → six hundred million four thousand and one → 600,876,000 → $(5 \times 1{,}000{,}000{,}000) + (4 \times 1{,}000) + (6 \times 10)$

Test (1)

1 Choose the correct answer:

1. The place value of the digit 8 in the number: 68,423,975 is ....
   - a) thousands
   - b) hundred thousands
   - c) one million
   - d) ten millions
2. 6 hours and 40 minutes = ... minutes.
   - a) 400
   - b) 100
   - c) 640
   - d) 184
3. If the school day lasts for 6 hours, to count the number of minutes of that time we ....
   - a) add 6 to 60
   - b) multiply 6 by 60
   - c) add 6 to 24
   - d) multiply 6 by 24
4. The number 6,235,475 ≈ .... (to the nearest Million).
   - a) 6,235,000
   - b) 7,000,000
   - c) 6,240,000
   - d) 6,000,000

2 Complete the following:

1. Estimating the number 865,839 through the first number from the left = ...
2. 75 million = ... thousand = ... hundred.
3. In the number: 555,555 the place value of the digit 5 if its value is 10 times the value of the digit 5 in the ten thousands is ....
4. 4,318 + 0 = ... (The strategy of ....)

3 Convert to the units shown on the bar models:

a)

8,125 grams	
.... kg	.... gr

b)

.... mL	
5 liters	46 mL

c)

379 dm	
.... m	.... cm

4 Match each item in (A) with what suits it in (B):

(A)	(B)
1. 8 hours and 12 minutes = ... minutes.	972
2. 1 week, 3 days and 5 hours = ... hours.	492
3. 16 minutes and 12 seconds = ... seconds.	245

Test (2)

1 Choose the correct answer:

1. The number: 84,867 ≈ .... (to the nearest Ten Thousand).
   - a 85,000
   - b 80,000
   - c 84,870
   - d 84,900
2. Which of the following expresses an ascending order?
   - a 3,580 , 3,573 , 3,757 , 3,735
   - b 3,573 , 3,580 , 3,735 , 3,757
   - c 3,757 , 3,573 , 3,508 , 3,735
   - d 3,573 , 3,757 , 3,735 , 3,580
3. Which of the following is the extended form of the number: 29,003,008?
   - a 20,000,000 + 3,000,000 + 9,000 + 8
   - b 20,000,000 + 9,000,000 + 30,000 + 8
   - c 20,000,000 + 9,000,000 + 3,000 + 8
   - d 2,000,000,000 + 9,000,000 + 3,000 + 8
4. We can put the digit .... in place of the square so that the mathematical expression will be correct.

   6,351,824 > 6,35□,824

   - a 1
   - b 2
   - c 0
   - d 3

2 Complete the following:

1. The place value of the digit 2 in the number: 92,314,957 is ....
2. The standard form of the number: 56 million 34 thousand is ....
3. From 7 : 30 a.m. to 12 noon, the elapsed time = ...
4. 5 weeks, 5 days and 12 hours = ... hours.

3 Match each item in (A) with what suits it in (B):

(A)	(B)
1 65 liters and 342 milliliters = ... mL.	65,432
2 The greatest number formed from 5, 3, 4, 2, 6 is	65,243
3 65 kg and 243 gr = ... gr.	65,342

4 If the distance between Laila's house and school is 2 kilometers, what is the distance she covers to and form school in meters?

The distance = ... = ... m.

Test (3)

1 Choose the correct answer:

1. The standard form of the number 4 milliard, 379 million, 56 is ....
   - a) 3,379,056,000
   - b) 4,379,056
   - c) 56,397,400
   - d) 4,379,000,056
2. 0 + 375 = 375 (The strategy of ....)
   - a) commutative property
   - b) associative property
   - c) additive identity
   - d) None of these
3. A week, 3 days and 5 hours = ... hours.
   - a) 135
   - b) 753
   - c) 605
   - d) 245
4. Each of the following is a mass measure, except ....
   - a) hectogram
   - b) decagram
   - c) milliliter
   - d) gram

2 Complete the following:

a) 892,519 ≈ .... (to the nearest Thousand).

b) 3 kilometers and 70 decimeters = ... meters.

c) In the opposite bar model:

a = ... × 102 , a = ...

4,053	
a	993

3 Match each item in (A) with what suits it in (B):

(A)	(B)
1. 4 weeks and two days = ... hours.	207
2. 10 times 3 × 9 = ...	720
3. The smallest number formed from 7, 0, 2 is	270

4 If a car covered a distance of 270 kilometers of a road which is 548 kilometers long, what is the remaining distance?

The remaining distance = ... kilometers

Test (4)

1 Choose the correct answer:

1. The smallest number formed of 1, 3, 6, 4, 0 is ....
   - a) 102,346 b) 123,046 c) 123,460 d) 012,346
2. The number: 96,085 ≈ .... (to the nearest Ten Thousand).
   - a) 96,000 b) 96,100 c) 100,000 d) 97,000
3. Which of the following represents the commutative property?
   - a) 5 + 12 = 2 + 10 + 5 b) 49 + 0 = 49
   - c) 7 + 25 = 25 + 7 d) 9 + 7 = 10 + 6
4. 9 liters and 75 milliliters = ... milliliters.
   - a) 975 b) 957 c) 7,590 d) 9,075

2 Complete the following:

a) 8 kilograms – 2,287 grams = ... grams.

b) The estimation of the number: 895,318 through the first number from the left = ...

c) The difference between the greatest and the smallest numbers formed from 3, 0, 7:

The greatest number is .... The smallest number is ....

The difference between them = ... = ...

3 Match each item in (A) with what suits it in (B):

(A)	(B)
1. 10 times the number 348 is = ...	3,048
2. The smallest number formed of 4, 3, 0, 8 is	3,408
3. 72,375 – .... = 68,967	3,480

4 Find the elapsed time from 7 : 24 a.m. to 9 : 45 a.m.

The elapsed time = ... = ... hours.

Test (5)

1 Choose the correct answer:

1. The value of the digit 7 in the number 48,735,219 is ....

   a) hundred thousand b) one million c) 700,000 d) 7,000,000

2. 243 + 257 = 257 + 243 (The strategy of ....)

   a) associative property b) commutative property

   c) additive identity d) None of these

3. We can put put the digit .... in place of the square so that the mathematical expression will be correct.

   9,248,507 < 9,□48,507

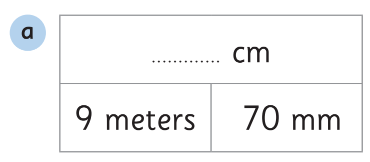
   a) 0 b) 1 c) 2 d) 3

4. The standard form of the number: 247 million, 395 thousand, 36 is ....

   a) 36,395,247 b) 247,395,036 c) 247,395,360 d) 247,395,306

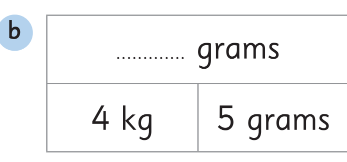
2 Convert to the units shown in the bar models:

a)



.... cm	
9 meters	70 mm

b)



.... grams	
4 kg	5 grams

c)



3,057 mL	
.... liters	.... mL

4 First: Complete the following:

a) 6 thousand = ... hundreds = ... tens = ...

b) (9 hundreds and 7 tens) × 100 = ... × 100 = ...

c) If the place value of the digit 3 is ten thousand, the value of the digit 3 = ...

d) The number: 316,009 is formed of .... digits.

4 First: Reorder the following numbers ascendingly:

234,693 , 234,751 , 234,627 , 234,639 , 234,815

The ascending order: .... , ... , ... , ... , ...

Second: Use any strategy to find the product of:

a) 987 – 199 = ...

b) 592 + 399 = ...



Test (6)

1 Choose the correct answer:

1. The extended form of the number: 4,216,509 is ....
   - a) 4,000,000 + 200,000 + 10,000 + 6,000 + 50 + 9
   - b) 4,000,000 + 200,000 + 10,000 + 6,000 + 500 + 9
   - c) 4,000,000 + 200,000 + 10,000 + 600 + 500 + 9
   - d) 9,000,000 + 50,000 + 6,000 + 100 + 20 + 4
2. The estimation of the number: 398,517 through the first digit from the left is ....
   - a) 4,000,000 b) 399,000 c) 398,500 d) 300,000
3. 3 days and 8 hours = ... hours.
   - a) 264 b) 35 c) 80 d) 188
4. 527,849 ≈ .... (to the nearest Ten).
   - a) 527,000 b) 530,000 c) 527,850 d) 527,800

2 Complete the following:

- a) 24,370 meters = ... kilometers and .... meters.
- b) 4 liters and 58 milliliters = ... = ... milliliters.
- c) 5 hours and 24 minutes = ... = ... minutes.

3 Estimate the product of the following, by using the strategy of the first digit from the left:

a)

	Estimated	
3,856	→	....
+ 29,098	→	+ ....
=		= ....

b)

	Estimated	
378,209	→	....
− 94,755	→	− ....
=		= ....

4 A bottle of juice contained a liter and 500 milliliters. An amount of it was poured into 3 glasses, of 250 mL each. How many milliliters of juice remained in the bottle?

The amount of the poured juice = ... = ... mL.

The remaining amount of juice = ... = ... mL.



Test (7)

1 Choose the correct answer:

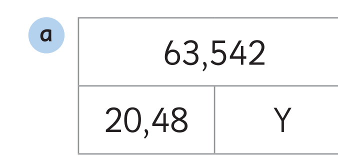
1. Which of the following represents the commutative property?
   - a) 218 + 582 = 800
   - b) 345 + 247 = 347 + 245
   - c) (217 + 83) + 100 = 217 + (83 + 100)
   - d) 246 + 519 = 519 + 246
2. If the value of the digit 4 is 400,000, the place value of the digit 4 is ....
   - a) one million
   - b) hundred thousand
   - c) ten thousand
   - d) one thousand
3. The most suitable estimation of the product of: 294 + 356 through the first digit from the left is ....
   - a) 650
   - b) 600
   - c) 700
   - d) 500
4. The number whose estimation is: 600,000 is ....
   - a) 56,978
   - b) 63,800
   - c) 60,999
   - d) 653,812

2 Put a (✓) for the correct statement and a (✗) for the incorrect statement:

1. The additive identity element is one. (   )
2. The properties of addition apply to subtraction. (   )
3. 52 + (48 – 12) = (52 + 48) – 12 (   )
4. (300 – 100) + 200 = 300 – (100 + 200) (   )

3 Find the variable in each of the following bar models

a)



63,542	
20,48	Y

b)

K	
58,483	32,517

c)

518,342	
L	318

4 Maryam spent an hour and 20 minutes to finish her homework. If she started at 4:40 p.m., what time did she finish her homework?

....

....

Test (8)

1 Choose the correct answer:

1. Which digit can be put in place of the square so that the following mathematical expression is correct?

$$7,527,632 < 7,5 \square 7,632$$

   a) 0 b) 1 c) 2 d) 3

2. Which of the following represents an ascending order?
   a) 6,735 , 6,508 , 6,573 , 6,757
   b) 7,580 , 7,735 , 7,757 , 7,573
   c) 3,573 , 3,580 , 3,735 , 3,757
   d) 4,757 , 4,735 , 4,580 , 4,573

3. The correct strategy to find the product of 372 – 49 is ....
   a) finding the product of (372 – 50), then subtracting 1
   b) finding the product of (372 – 50), then adding 1
   c) finding the product of (370 – 49), then subtracting 2
   d) finding the product of (372 – 40), then adding 9

4. A road which is 64 kilometers long and 45 kilometers of it was paved. So, the number of the unpaved kilometers is ....

   a) 10 b) 21 c) 19 d) 29

2 Complete by using (<), (>) or (=):

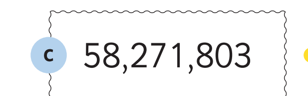
1. 54 minutes ◯ half an hour.
2. 3 kg and 45 grams ◯ 3,450 grams.
3. 3 weeks and 5 days ◯ a month and 3 days.

3 **Match each two equivalent cards:**



a 58,217,308

b 58,271,308



c 58,271,803

- fifty-eight million, two hundred seventy-one thousand, eight hundred three
- fifty-eight million, two hundred seventeen thousand, three hundred eight
- fifty-eight million, two hundred seventy-one thousand, three hundred eight

---

4 Shady bought a collection of novels of 640 pages. If he read 270 pages, which of the following bar models expresses the remaining pages?

a

?	
270	640

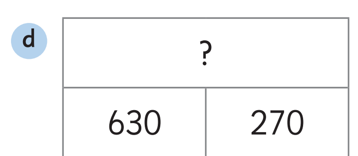
b

270	
?	640

c

640	
?	270

d



?	
630	270

Test (9)

1 Choose the correct answer:

1. The standard form of the number: seven milliard, five hundred thirty-nine million, two hundred eight is ....
   - a 7,539,208 b 7,000,539,208 c 7,539,000,208 d 8,029,000,357
2. 568,219 ≈ .... (to the nearest Thousand)
   - a 600,000 b 568,000 c 568,220 d 570,000
3. In the number 638,189 the digit 8 in the One Thousand place equals .... times the digit 8 in the Tens place.
   - a 10 b 100 c 1,000 d 10,000
4. What is the correct ascending order of the following numbers?
   a) Six hundred fifty-three thousand, three hundred ten.
   b) 1 × 100,000 + 4 × 10,000 + 5 × 1,000 + 3 × 100 + 9 × 1
   c) Five hundred eighty-eight thousand, three hundred twenty-nine.
   d) 604,300
   - a b, c, d, a b a, d, c, b c b, d, a, c d c, a, d, b

2 Choose the suitable completion of the following table (by using the relationship between the length measuring units):

kilometer	meter	centimeter
36	36,000	....

a 360 b 3,600 c 3,600,000 d 360,000

3 Put a (✓) for the correct statement and a (✗) for the incorrect statement:

a The standard form of the number: 625 million, 438 thousand, 206 is 625,438,206 ( )

b A day and 5 hours = 65 hours. ( )

c 4 minutes and 20 seconds = 260 seconds ( )

4 Amal bought two bottles of guava juice. Each bottle is 1 liter. If she drank 950 milliliters on one day and 750 milliliters on the following day, how many milliliters of guava juice remained?

Test (10)

1 Choose the correct answer:

1. All of the following statements are correct, except ....
   - a) If a digit within a number moves one place to the right, it is multiplied ten times.
   - b) If a digit within a number moves three places to the left, it is multiplied a thousand times.
   - c) If a digit within a number moves one place to the left, it is multiplied ten times.
   - d) If a digit within a number moves two places to the left, it is multiplied a hundred times.

2. Forty-three million, five hundred seventeen thousand, eighty-two ◯ 40,000,000 + 3,000,000 + 500,000 + 20,000 + 7,000 + 80 + 2
   - a) <
   - b) >
   - c) =

3. 43,516,918 ≈ .... (to the nearest Ten Million).
   - a) 44,000,000
   - b) 40,000,000
   - c) 43,520,000
   - d) 56,278

4. 10 times the number: 56,278 = ...
   - a) 560,278
   - b) 506,278
   - c) 562,780
   - d) 66,278

2 Complete the following:

1. 3 days and 8 hours = ... + ... = ... hours.
2. 6 liters + 1,450 milliliters = ... + ... = ... milliliters.
3. 5 kilograms + 96 grams = ... + ... = ... grams.



3 Complete the following bar models:

a

.... meters	
25 km	9 m

b

7,350 mL	
.... liters	.... mL

c

156 decimeters	
.... meters	.... cm

4 Ramez started studying at 4:30 p.m. and he continued for an hour and 45 minutes. What time did he finish?

....

....

....

Answers

Test 1

1 (1) c (2) a (3) b (4) d

2 (1) 800,000 (2) 75,000 thousand = 750,000 hundred

(3) hundred thousand (4) 4,318 additive identity

3 (a) 8 kg , 215 grams (b) 5,046 mL (c) 37 meters , 90 cm

4 (1) 492 (2) 245 (3) 972

Test 2

1 (1) b (2) b (3) c (4) c

2 (1) one million (2) 56,034,000 (3) 4:30 (4) 972

3 (1) 65,342 (2) 65,432 (3) 65,243

4 4,170 meter

Test 3

1 (1) d (2) c (3) d (4) c

2 (a) 893,000 (b) 3,007 (c) $a = 30 \times 102$, $a = 3,060$

3 (1) 720 (2) 270 (3) 207

4 278 kilometers

Test 4

1 (1) a (2) c (3) c (4) d

2 (a) 5,713 (b) 800,000

(c) The biggest number is 730 , The smallest number is 307 , The difference = 423

3 (1) 3,480 (2) 3,048 (3) 3,408

4 2:21

Test 5

1 (1) c (2) b (3) d (4) b

2 (a) 3 liters , 57 mL (b) 4,005 (c) 907

3 (a) 60 hundred = 600 tens = 6,000 (b) $97,000 = 100 \times 970$

(c) 30,000 (d) 6

4 First: 234,627 , 234,639 , 234,693 , 234,751 , 234,815

4 Second: $a = 788$ $b = 991$

Test 6

1 (1) b (2) d (3) c (4) c

2 (a) 24 kilometers , 370 meters (b) 4,058 (c) 324

3 (a) 32,000 (b) 210,000

4 750 milliliters , The remaining amount = 750 milliliters

Test 7

1 (1) d (2) b (3) b (4) d

2 (1) ✓ (2) ✗ (3) ✓ (4) ✗

3 (a) Y = 61,494 (b) K = 91,000 (c) L = 518,024

4 at six o'clock

Test 8

1 (1) d (2) c (3) b (4) c

2 (a) > (b) < (c) <

3 (a) 2 (b) 3 (c) 1

4 c

Test 9

1 (1) c (2) b (3) b (4) b

2 c

3 (1) ✓ (2) ✗ (3) ✓

4 300 milliliters

Test 10

1 (1) a (2) b (3) b (4) c

2 (a) 80 (b) 7,450 (c) 5,096

3 (a) 52,009 (b) 7 liters , 350 milliliters (c) 15 meters , 60 cm

4 6 : 15

Name :

AHMED NASSR
MATHEMATICS TEACHER

Grade 4 Unit (1)
Time: 45 minutes

Q1 :Choose the correct answer:

1) What is the standard form for 1,000+800+70 ?

ⓐ 8,071,000 ⓑ 1,870 ⓒ 81,700 ⓓ 8,710

2) Round 740,836 to the nearest Thousand.

ⓐ 741,000 ⓑ 740,000 ⓒ 700,000 ⓓ 740,840

3) The number 370 millions, 509 thousands, 562 in standard form ?

ⓐ 370,000,509,562 ⓑ 509,562,000,370
ⓒ 370,509,562 ⓓ 509,000,370,562

4) What is the standard form of five hundred and seventy thousand, eight hundred and sixty ?

ⓐ 570,860 ⓑ 65,870 ⓒ 80,600,120 ⓓ 76,058,000

5) Which answer represents rounding 36,843,699 to the nearest Million ?

ⓐ 36,840,000 ⓑ 37,000,000 ⓒ 36,800,000 ⓓ 36,844,000

6) 6,200 ten thousands= .... hundreds

ⓐ 620,000 ⓑ 62 ⓒ 6,200 ⓓ 62,000

7) In which number does the 4 has a value of four thousand ?

ⓐ 952,581 ⓑ 694,405 ⓒ 102,336 ⓓ 805,572

8) Which of the following digits makes the sentence true ?
791 > 7□1 > 751

ⓐ 1 ⓑ 9 ⓒ 0 ⓓ 8

Q2: Complete the following

1) 646,127 ◯ 559,507 Compare. Write (>, <, =)

2) The place value of the digit 5 in the number 5,609,738 is ....

3) How many thousands are there in one million? ....

4) Round the number to the nearest Ten Thousand. 310,371 ≈ ....

5) 76,794,384,462 = ... milliard, ... million, ... thousand, ...

6) 7,050,002 = seven ...., fifty ...., two.

7) What is the value of 8 in the Milliards place? ....

Q3 : Answer the following:

1) In the numeral 49 352, what digit is in the

a. ten thousands? ....

b. thousands? ....

c. ones? ....

d. tens? ....

2) **Complete the following:**

Composed : ______________________

Decomposed : ________ + ________ + ________ + (2 × 100,000) + (4 × 1,000) + ________ + (7 × 10) + (5 × 1)

Millions			Thousands			Ones		
H	T	O	H	T	O	H	T	O
6	1	8	—	0	—	3	—	—

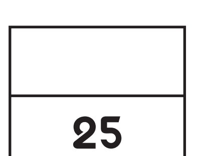
3) **List the following in an ascending order. Use standard form.**

- 5,000,000,000 + 20,000,000 + 5,000 + 10 + 8
- 525 million, 508
- Five milliard, three million, fifty three
- 5,000,000,000 + 4,000,000 + 6,000 + 9

4) **Create a number that is smaller in the Ten Mittions place than 745,864,251 is ....**



Good luck ....



25

Grade 4

Exam Unit (2)

Time : 45 minutes

Name:

Q1: Choose the correct answer:



1) $49+20=20+\dots$

ⓐ 69 ⓑ 20 ⓒ 49 ⓓ 73

2) The additive identity element is ....

ⓐ 3 ⓑ 4 ⓒ 0 ⓓ 6

3) Which equation would be best to include in an explanation of the commutative property of addition ?

ⓐ $8+9=4+13$ ⓑ $25+11=11+25$

ⓒ $15+30=15+18+12$ ⓓ $2+0=2$

4) $2,987+9,803=$ ....

ⓐ 97,780 ⓑ 39,910 ⓒ 12,790 ⓓ 34,980

5) Ahmed wrote $[4+18]+13=4+[18+13]$ using the .... property in addition ?

ⓐ additive identity ⓑ commutative ⓒ associative

6) $11+77=77+11$, is .... property.

ⓐ Commutative ⓑ None of them

ⓒ Associative ⓓ Additive Identity

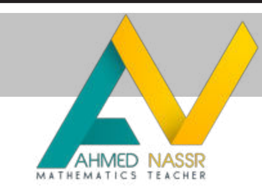
7) In the opposite Bar Model , the value of w = ________

ⓐ 2,957 ⓑ 9,449

ⓒ 3,043 ⓓ 3,000

w	
6,203	3,246

Q2: Complete the following:



1) 4,725 – 3,482 = ______

2) In the bar model

87	
27	c

, the equation which you can form for it is ______

3) [49+ ...]+41=49+[93+41]

4) The place value of the digit 4 in the number 3,641,297 is ______

5) 250,000 tens = ... thousands

6) The value of the variable K in the equation 2,103 – K = 1,230 is ______

7) seven hundred and ninety–five thousand, six hundred and four = ...

8) 4,030,400,050 = ______ milliard, ______ million, ______ thousand, ______

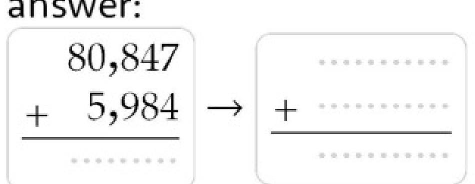
Q3: Answer the following:

1) A factory produced 2,879 toys in one week. The next week, the factory produced 3,267 toys. Find the difference between the production in the two weeks.

____

____

2) Estimate using rounding to the nearest Thousand. Find the exact answer:

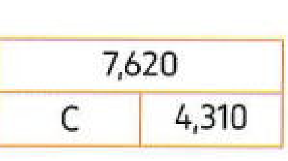


3)

```
   5,646
 – 2,389
 -------
 _______
```

4) In the opposite bar model,

the value of the unknown C = ______



7,620	
C	4,310

5) **Round 773,329**

a. to the nearest Ten ______________________________

b. to the nearest Ten Thousand ______________________________

10

Name :

AHMED NASSR
MATHEMATICS TEACHER

Grade 4
Quiz Unit (3)
Time: 15 minutes

Q1 :Answer the following:

1) ________ cm = 78,000 m

2) 8,762 m = ________ km , ________ m

3) 11 dm = ________ cm

4) 7 m = ________ mm.

5) 7 km , 50 m = ________ m

6) 13,000 mm = ________ m

Q2 :Choose the correct answer:

1) 7 dm , 5 cm = ________ cm

A. 12 B. 705 C. 75 D. 750

2) 9 km , 9 m = ________ m

A. 99 B. 909 C. 9,009 D. 90,009

3) kg is a measuring unit of ________

A. length B. mass C. time D. capacity

4) 2 kg and 2 g = ________ g

A. 22 B. 202 C. 2,002 D. 20,002

10

Name :

AHMED NASSR
MATHEMATICS TEACHER

Grade 4
Quiz Unit (3)
Time: 15 minutes

Q1 :Answer the following:

1) ________ cm = 78,000 m

2) 8,762 m = ________ km , ________ m

3) 11 dm = ________ cm

4) 7 m = ________ mm.

5) 7 km , 50 m = ________ m

6) 13,000 mm = ________ m

Q2 :Choose the correct answer:

1) 7 dm , 5 cm = ________ cm

A. 12 B. 705 C. 75 D. 750

2) 9 km , 9 m = ________ m

A. 99 B. 909 C. 9,009 D. 90,009

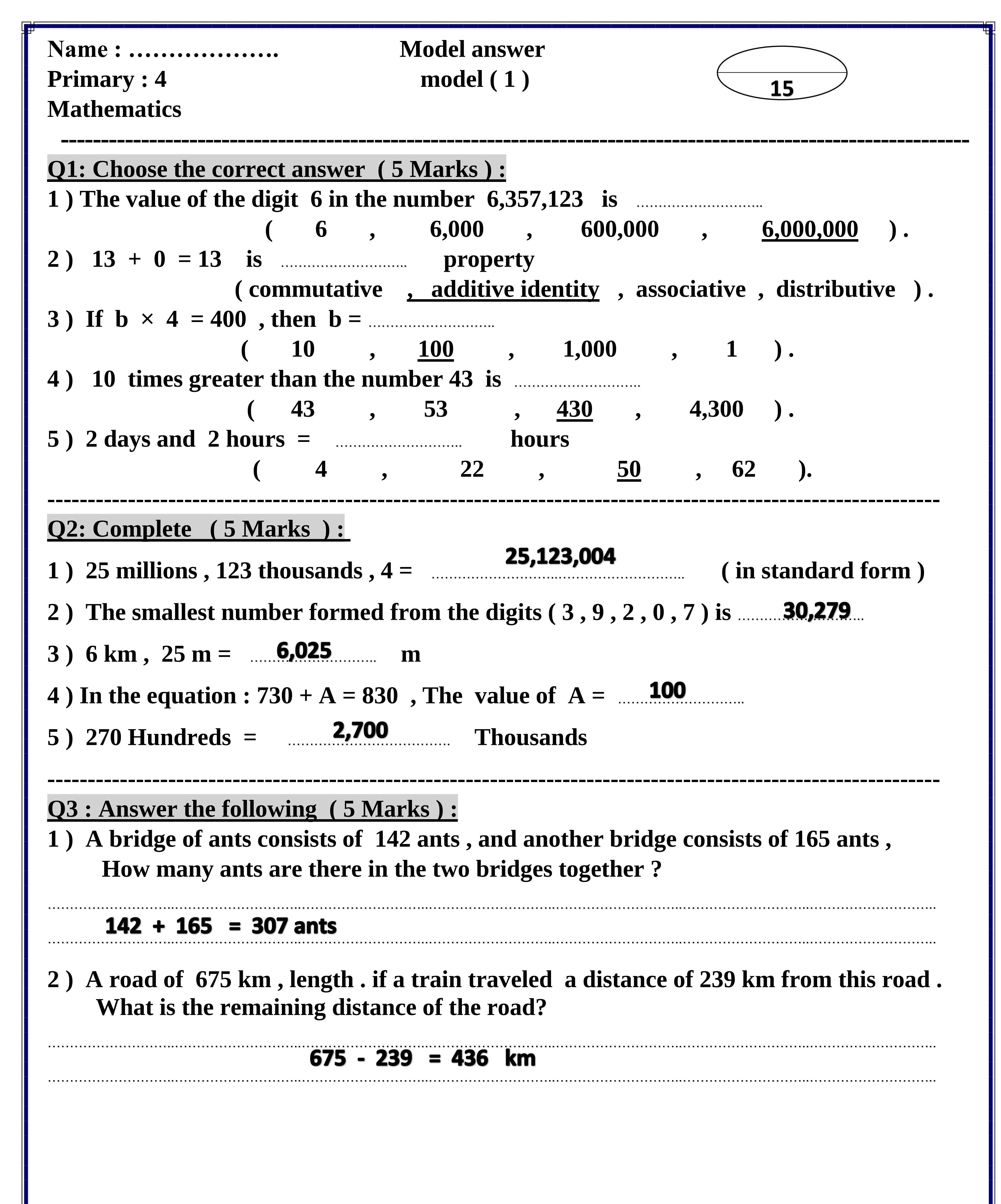
3) kg is a measuring unit of ________

A. length B. mass C. time D. capacity

4) 2 kg and 2 g = ________ g

A. 22 B. 202 C. 2,002 D. 20,002

Mr. Ahmed Nassr **0100 37 80 857**



Name : ………………. Model answer

Primary : 4 model (1) 15

Mathematics

Q1: Choose the correct answer (5 Marks) :

1) The value of the digit 6 in the number 6,357,123 is ………………………

(6 , 6,000 , 600,000 , **6,000,000**) .

2) 13 + 0 = 13 is ……………………… property

(commutative , **additive identity** , associative , distributive) .

3) If b × 4 = 400 , then b = ………………………

(10 , **100** , 1,000 , 1) .

4) 10 times greater than the number 43 is ………………………

(43 , 53 , **430** , 4,300) .

5) 2 days and 2 hours = ……………………… hours

(4 , 22 , **50** , 62).

Q2: Complete (5 Marks) :

1) 25 millions , 123 thousands , 4 = 25,123,004 (in standard form)

2) The smallest number formed from the digits (3 , 9 , 2 , 0 , 7) is 30,279

3) 6 km , 25 m = 6,025 m

4) In the equation : 730 + A = 830 , The value of A = 100

5) 270 Hundreds = 2,700 Thousands

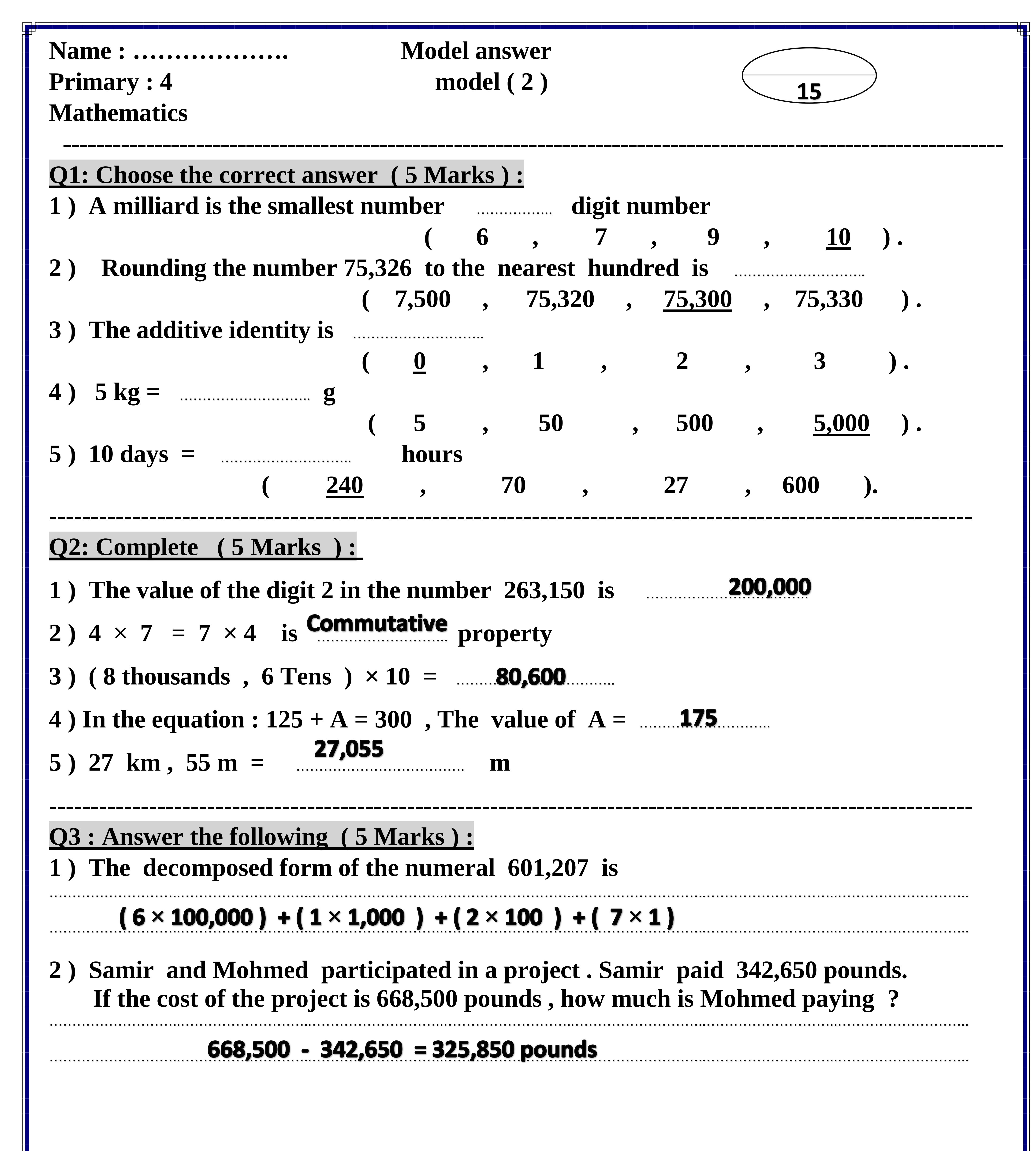
Q3 : Answer the following (5 Marks) :

1) A bridge of ants consists of 142 ants , and another bridge consists of 165 ants ,
How many ants are there in the two bridges together ?

142 + 165 = 307 ants

2) A road of 675 km , length . if a train traveled a distance of 239 km from this road .
What is the remaining distance of the road?

675 - 239 = 436 km



Name : ………………. **Model answer**

Primary : 4 **model (2)**

Mathematics

15

Q1: Choose the correct answer (5 Marks) :

1) A milliard is the smallest number …………… digit number

(6 , 7 , 9 , **10**) .

2) Rounding the number 75,326 to the nearest hundred is ………………………

(7,500 , 75,320 , **75,300** , 75,330) .

3) The additive identity is ………………………

(**0** , 1 , 2 , 3) .

4) 5 kg = ……………………… g

(5 , 50 , 500 , **5,000**) .

5) 10 days = ……………………… hours

(**240** , 70 , 27 , 600).

Q2: Complete (5 Marks) :

1) The value of the digit 2 in the number 263,150 is ……… 200,000

2) 4 × 7 = 7 × 4 is Commutative property

3) (8 thousands , 6 Tens) × 10 = ……… 80,600

4) In the equation : 125 + A = 300 , The value of A = ……… 175

5) 27 km , 55 m = 27,055 m

Q3 : Answer the following (5 Marks) :

1) The decomposed form of the numeral 601,207 is

(6 × 100,000) + (1 × 1,000) + (2 × 100) + (7 × 1)

2) Samir and Mohmed participated in a project . Samir paid 342,650 pounds. If the cost of the project is 668,500 pounds , how much is Mohmed paying ?

668,500 - 342,650 = 325,850 pounds

Name : ………………. **Model answer**
Primary : 4 **model (3)**
Mathematics

15

Q1: Choose the correct answer (5 Marks) :

1) The number that lies in the thousands place in the number 635,749 is ……………

(7 , 6 , 3 , <u>5</u>) .

2) ………… m = 300 cm

(<u>3</u> , 300 , 30,000 , 300,000) .

3) 10 times greater than 430 = ………………………

(43 , <u>4,300</u> , 43,000 , 430,000) .

4) 13 L , 30 ml = ……………………… ml

(43 , 1,330 , <u>13,030</u> , 13,300) .

5) 1 days and 5 hours = ……………………… hours

(6 , <u>29</u> , 15 , 35).

Q2: Complete (5 Marks) :

1) The value of the digit 6 in the number 61,230,478 is 60,000,000

2) 35 kg , 86 g = 35,086 g

3) 1,000,000 is 10 times as one hundred thousands

4) The place value of the digit 2 in the numeral (2 ones , 5 tens) × 100 is Hundreds

5) 500 hundreds = 50,000

Q3 : Answer the following (5 Marks) :

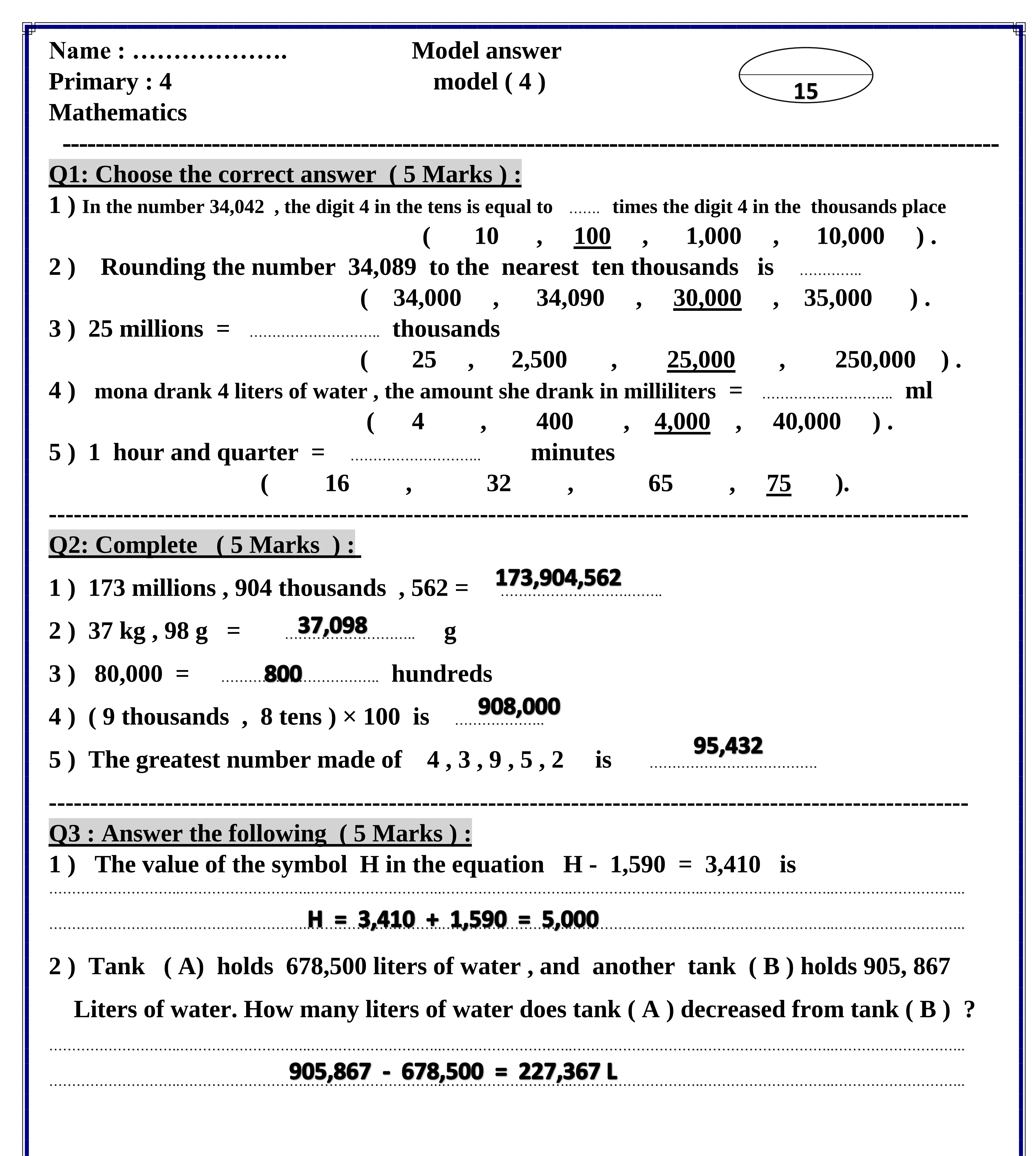
1) Arrange the lengths in an ascending order :

8 m , 8,000 cm , 8 km , 8 mm

8 mm , 8 m , 8000 cm , 8 km

2) An ant works from 8 : 06 am to 11: 23 am , how long does the ant work ?

11 : 23 - 8 : 0 6 = 3 : 17 hours



Name : ………………. Model answer
Primary : 4 model (4)
Mathematics

15

Q1: Choose the correct answer (5 Marks) :

1) In the number 34,042 , the digit 4 in the tens is equal to ……. times the digit 4 in the thousands place
(10 , <u>100</u> , 1,000 , 10,000) .

2) Rounding the number 34,089 to the nearest ten thousands is …………..
(34,000 , 34,090 , <u>30,000</u> , 35,000) .

3) 25 millions = ……………………….. thousands
(25 , 2,500 , <u>25,000</u> , 250,000) .

4) mona drank 4 liters of water , the amount she drank in milliliters = ……………………….. ml
(4 , 400 , <u>4,000</u> , 40,000) .

5) 1 hour and quarter = ……………………….. minutes
(16 , 32 , 65 , <u>75</u>).

Q2: Complete (5 Marks) :

1) 173 millions , 904 thousands , 562 = 173,904,562

2) 37 kg , 98 g = 37,098 g

3) 80,000 = 800 hundreds

4) (9 thousands , 8 tens) × 100 is 908,000

5) The greatest number made of 4 , 3 , 9 , 5 , 2 is 95,432

Q3 : Answer the following (5 Marks) :

1) The value of the symbol H in the equation H - 1,590 = 3,410 is

H = 3,410 + 1,590 = 5,000

2) Tank (A) holds 678,500 liters of water , and another tank (B) holds 905, 867 Liters of water. How many liters of water does tank (A) decreased from tank (B) ?

905,867 - 678,500 = 227,367 L